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(54) Title: IMPROVED FERTILITY RESTORATION FOR OGURA CYTOPLASMIC MALE STERILE BRASSICA AND METHOD

(57) Abstract: A Brassica plant comprising a unique recombination event resulting from a break at a position along a nucleic acid segment derived from Ogura Raphanus sativus between the restorer locus and the glucosinolate locus and subsequent rejoining to produce a new recombination event, BLR1. The BLR1 recombination event expresses fertility restoring resulting from expression of the restorer gene derived from Raphanus sativus and a GSL content no higher than normal double low open pollinated varieties. The Brassica inbred line BLR-038, Deposit Number NCIMB-41193, is one example of a plant that contains the BLR1 recombination event. The BLR1 recombination event is introgressed into different Brassica genetic backgrounds using breeding techniques known to those skilled in the art. For example, the Brassica inbred line BLR-038 or another Brassica plant containing the BLR1 recombination event may be crossed with male sterile inbreds to produce hybrids expressing low GSL content and superior agronomic traits.

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